

**INFORMATION DISCLOSURE CITATION**

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ATTY. DOCKET NO.  
1-32526A  
APPLICATION NO.  
10/517,904  
APPLICANT  
JOHN SMITH  
FILING DATE  
DECEMBER 10, 2004

Sheet 1 of 6

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1651

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
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**FOREIGN PATENT DOCUMENTS**

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

/SH/	AR	Alessi, et al., "Characterization of a 3-phosphoinositide-dependent Protein Kinase Which Phosphorylates and Activates Protein Kinase Ba", Current Biol., Vol. 7, p p. 261-9 (1997)
/SH/	AS	Alessi, et al., "Mechanism of Activation of Protein Kinase B by Insulin and IGF-1", The Embo J., Vol. 15, pp. 6541-51 (1996)
/SH/	AT	Andjelkovic, et al., "Role of Translocation in the Activation and Function of Protein Kinase B", J. of Biol. Chem., Vol. 272, pp. 31515-24 (1997)

EXAMINER /Susan Hanley/ (03/21/2007)

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/SH/	DA	Andjelkovic, et al., "Activation and Phosphorylation of a Pleckstrin Homology Domain Containing Protein Kinase (RAC-PK/PKB) Promoted by Serum and Protein Phosphatase Inhibitors", Proc. Natl. Acad. Sci., Vol. 93, pp. 5699-5704 (1996)
	DB	Andjelkovic, et al., "Domain Swapping Used to Investigate the Mechanism of Protein Kinase B Regulation by 3-Phosphoinositide-dependent Protein Kinase 1 and Ser473 Kinase", Mol. and Cell Biol., Vol. 19, pp. 5061-72 (1999) *
	DC	Balendran, et al., "PDK1 Acquires PDK2 Activity in the Presence of a Synthetic Peptide Derived from the Carboxyl Terminus of PRK2", Curr. Biol., Vol. 9, pp. 393-404 (1999)
	DD	Bickel, et al., "Flotillin and Epidermal Surface Antigen Define a New Family of Caveolae-associated Integral Membrane Proteins", J. Biol. Chem., Vol. 272, pp. 13793-13802 (1997)
	DE	Brazil, et al., "Ten Years of Protein Kinase B Signalling: A Hard Akt to Follow", Trends in Bio. Sci., Vol. 26, pp. 657-664 (2001)
	DF	Cantley, et al., "New Insights into Tumor Suppression: PTEN Suppresses Tumor Formation by Restraining the Phosphoinositide 3-Kinase/Akt Pathway", Proc. Natl. Acad. Sci., Vol. 96, pp. 4240-45 (1999)
	DG	Coffer, et al., "Protein Kinase B (c-Akt): A Multifunctional Mediator of Phosphatidylinositol 3-Kinase Activation", Biochem. J., Vol. 335, pp. 1-13 (1998)
	DH	Cote, et al., "Generation of Human Monoclonal Antibodies Reactive with Cellular Antigens", Proc. Natl. Acad. Sci., Vol. 80, pp. 2026-30 (1983)
	DI	Delcommenne, et al., "Phosphoinositide-3-OH Kinase-dependent Regulation of Glycogen Synthase Kinase 3 and Protein Kinase B/AKT by the Integrin-linked Kinase", Proc. Natl. Acad. Sci., Vol. 95, pp. 11211-216 (1998)
	DJ	Downward, "Mechanisms and Consequences of Activation of Protein Kinase B/AKT", Cur. Opin. Cell Biol., Vol. 10, pp. 262-67 (1998)
	DK	Galbiati, et al, "Emerging Themes in Lipid Rafts and Caveolae", Cell, Vol. 106, pp. 403-11 (2001)
	DL	Graham, et al., "Characteristics of a Human Cell Line Transformed by DNA from Human Adenovirus Type 5", J. Gen. Virol., Vol. 36, pp. 59-74 (1977)
↓	DM	Hannigan, et al., "Regulation of Cell Adhesion and Anchorage-dependent Growth by a New B1-Integrin-Linked Protein Kinase", Nature, Vol. 379, pp. 91-6 (1996)
/SH/	DN	Hanahan, et al., "The Hallmarks of Cancer", Cell, Vol. 100, pp. 57-70 (2000)

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/SH/	AR	Hill, et al., "Analysis of Protein Kinase B/Akt", Methods in Enzym., Vol. 345, pp. 449-63 (2002)
/SH/	AS	Hill, et al., "Insulin-stimulated Protein Kinase B Phosphorylation on Ser-473 Is Independent of Its Activity and Occurs through a Staurosporine-insensitive Kinase", J. of Bio. Chem., Vol. 276, pp. 25643-46 (2001) *
/SH/	AT	Huse, et al., "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science, Vol. 246, pp. 1275-81 (1989)

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/SH/	DA	Jones, et al., "Molecular Cloning and Identification of a Serine/Threonine Protein Kinase of the Second-messenger Subfamily", Proc. Natl. Acad. Sci., Vol. 88, pp. 4171-75 (1991)
	DB	Kandel, et al., "The Regulation and Activities of the Multifunctional Serine/Threonine Kinase Akt/PKB", Exp. Cell Res., Vol. 253, pp. 210-29 (1999)
	DC	Kohler, "Continuous Cultures of Fused Cells Secreting Antibody of Predefined Specificity", Nature, Vol. 256, pp. 495-98 (1975)
	DD	Kozbor, et al., "The Production of Monoclonal Antibodies from Human Lymphocytes", Imm. Today, Vol. 4, pp. 72-9 (1983)
	DE	Lynch, et al., "Integrin-Linked Kinase Regulates Phosphorylation of Serine 473 of Protein Kinase B by an Indirect Mechanism", Oncogene, Vol. 18, pp. 8024-32 (1999)
	DF	Orlandi, et al., "Cloning Immunoglobulin Variable Domains for Expression by the Polymerase Chain Reaction", PNAS, Vol. 86, pp. 3833-37 (1989)
	DG	Park, et al., "Identification of Tyrosine Phosphorylation Sites on 3-Phosphoinositide-dependent Protein Kinase-1 and Their Role in Regulating Kinase Activity", J. Bio. Chem., Vol. 276, pp. 37459-71 (2001)
	DH	Simons, et al., "Lipid Rafts and Signal Transduction", Nature Rev., Vol. 1, pp. 31-40 (2000)
	DI	Stephens, et al., "Protein Kinase B Kinases that Mediate Phosphatidylinositol 3, 4, 5-trisphosphate-dependent Activation of Protein Kinase B", Science, Vol. 279, pp. 710-14 (1998)
	DJ	Stillman, et al., "Replication and Supercoiling of Simian Virus 40 DNA in Cell Extracts from Human Cells", Mol. and Cell. Biol., Vol. 5, pp. 2051-60 (1985)
	DK	Stokoe, et al., "Dual Role of Phosphatidylinositol-3, 4, 5-trisphosphate in the Activation of Protein Kinase B", Science, Vol. 277, pp. 567-70 (1997)
	DL	Toker, et al., "Akt/Protein Kinase B Is Regulated by Autophosphorylation at the Hypothetical PDK-2 Site", J. of Biol. Chem., Vol. 275, pp. 8271-74 (2000)
↓	DM	VanHaesebroeck, et al., "The PI3K-PDK1 Connection: More than Just a Road to PKB", Biochem., J., Vol. 346, pp. 561-76 (2000)
/SH/	DN	Vazquez, et al., "The PTEN Tumor Suppressor Protein: An Antagonist of Phosphoinositide 3-Kinase Signaling", Biochimica et Biophysica Acta, Vol. 1470, pp. M24-M35 (2000)

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/SH/	AO	WO 0056864	9/28/00	PCT			<input type="checkbox"/>	<input type="checkbox"/>
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/SH/	AR	Williams, et al., "The Role of 3-Phosphoinositide-dependent Protein Kinase 1 in Activating AGC Kinases Defined in Embryonic Stem Cells", Curr. Biol., Vol. 10, pp. 439-48 (2000)
/SH/	AS	Winter, et al., "Man-made Antibodies", Nature, Vol. 349, pp. 293-99 (1991)
/SH/	AT	Yang, et al., "Molecular Mechanism for the Regulation of Protein Kinase B/Akt by Hydrophobic Motif Phosphorylation", Mol. Cell, Vol. 9, pp. 1227-40 (2002)

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/SH/	DA	Zervas, et al., "Drosophila Integrin-linked Kinase Is Required at Sites of Integrin Adhesion to Link the Cytoskeleton to the Plasma Membrane", J. of Cell Biol., Vol. 152, pp. 1007-18 (2001)
	DB	Kroner, et al., "Dual Regulation of ...", J. Biol. Chem., Vol. 275, pp. 27790-27798 (2000) *
	DC	Peterson, et al., "Kinase Phosphorylation....", Curr. Biol., Vol. 9, pp. R521-24 (1999) *
	DD	Hill, et al, "Identification of a Plasma Membrane Raft-associated PKB Ser473 Kinase Activity that Is Distinct from ILK and PDK1", Curr. Biol., Vol. 12, pp. 1251-55 (2002) *
	DE	Rane, et al., "P38 Kinase-dependent Mapkapk-2 Activation Functions as 3-phosphoinositide-dependent Kinase-2 for Akt in Human Neutrophils", J. of Biol. Chem., Vol. 276, pp. 3517-23 (2001)*
	DF	Balendran, et al, "PKD1 Acquires PDK2 Activity in the Presence of a Synthetic Peptide Derived from the Carboxyl Terminus of PRK2", Curr. Biol., Vol. 9, pp. 393-404 (1999) *
	DG	Persad, et al., "Regulation of Protein Kinase B/Akt-serine 473 Phosphorylation by Integrin-linked Kinase: Critical Roles for Kinase Activity and Amino Acids Arginine 211 and Serine 343", J. of Biol. Chem., Vol. 276, pp. 27462-69 (2001)*
	DH	Brazil, et al., "Ten Years of Protein Kinase B Signalling: A Hard Akt to Follow", TIBS Trends in Bio. Sci., Vol. 26, pp. 657-64 (2001) *
/SH/	DI	Troussard, et al., "Conditional Knock-out of Integrin-linked Kinase Demonstrates an Essential Role in Protein Kinase B/Akt Activation", J. of Biol. Chem., Vol. 278, pp. 22374-78 (2003) *
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